

RETARDER SPECIFICATIONS – AXIAL SERIES										
RETARDER MODEL	AC61-35	AC61-60	AC72-00	AC82-70	AC83-00	AC83-31				
	CE23....	CF23....	CH23....	CU23....	CT23....	CL23....				
<b>ELECTRICAL SPECIFICATIONS</b> <i>All electrical measurements should be made at 20°C. Insulation resistance &gt; 1MΩ</i>										
<b>Current Draw per Stage – Amps</b>										
24V System	31.4	31.4	31.8	33.9	40.0	40.7				
<b>Resistance per Circuit – Ohms</b>										
24 Volt Retarder	0.76	0.76	0.75	0.70	0.60	0.59				
<b>Resistance per Coil</b>	0.76	0.76	0.75	0.70	0.60	0.59				
<b>MECHANICAL SPECIFICATIONS</b>										
Rotor Air Gap +0 –0.15 mm	1.90	1.20	1.20	1.20	1.50	1.50				
Bearing Axial Play	0.05-0.12	0.05-0.12	0.05-0.12	0.05-0.12	0.05-0.12	0.05-0.12				
<b>TORQUE SETTINGS - Nm</b>										
Main Shaft Bolts	30	30	60	60	60	60				
Rotor Flange Bolts and Nuts	180	180	250	250	250	250				
Retarder Side Plate Bolts	90	90	90	90	90	90				
Pole Shoe Screws	50	50	50	50	50	50				
Hub Bolts and Nuts	M12 – 90Nm    M10 – 60 Nm    M8 – 30 Nm									